

# Francesca Musumeci

Associate Professor

## EDUCATION AND TRAINING

09/02/2012

### **PhD in Medicinal Chemistry**

Thesis title: Synthesis of heterocyclic compounds as protein kinase inhibitors.  
University of Genoa, Italy

01/06/2011 - 31/08/2011

### **Visiting Researcher**

Project title: Deuteration and functionalization of resorcylic acid lactones (RALs).  
National University of Ireland Galway (NUIG), Galway (IE)

28/04/2008 - 27/10/2008

### **Fellowship in Organic Chemistry**

Project title: New synthetic approaches towards interesting therapeutic molecules.  
Department of Chemistry and Industrial Chemistry, University of Genoa

18/03/2008

### **MSc in Chemistry and Pharmaceutical Technologies**

Thesis title: Pyrazolo[3,4-*d*]pyrimidine derivatives as inhibitors of the cytoplasmic tyrosine kinases Src and Abl. Final grade: 110/110 cum laude.  
University of Genoa

2002

### **Scientific High School Diploma**

Final grade 100/100.  
Liceo Scientifico Nicoloso da Recco, Recco, Genoa

## PROFESSIONAL HISTORY

01/10/2021 - 30/09/2024

### **Temporary Assistant Professor (RTDB)**

Scientific-Disciplinary Sector CHEM-07/A (Medicinal Chemistry).  
Department of Pharmacy, University of Genoa

01/01/2020 - 30/09/2021

### **Temporary Assistant Professor (RTDA)**

Scientific-Disciplinary Sector CHEM-07/A (Medicinal Chemistry).  
Department of Pharmacy, University of Genoa

15/05/2018 - 14/07/2019

**Fellowship in Medicinal Chemistry**

Project title: Synthesis of molecules endowed with inhibitory activity towards kinases.

Department of Pharmacy, University of Genoa

10/10/2018 - 10/12/2018

**Visiting Researcher**

The project focused on the formulation of novel kinase inhibitors using polymer-based carriers.

Division of Molecular Therapeutics and Formulation, School of Pharmacy, University of Nottingham (UK)

01/04/2015 - 31/03/2018

**Postdoc position in Medicinal Chemistry**

Project title: Synthesis of tyrosine kinase inhibitors potentially active on neuroblastoma cell lines (SSD CHEM-07/A).

Department of Pharmacy, University of Genoa

04/11/2014 - 31/03/2015

**Fellowship in Medicinal Chemistry**

Fellowship funded by Italian Cystic Fibrosis Research Foundation (FFCproject#3/2013).

Department of Pharmacy, University of Genoa

04/11/2013 - 03/11/2014

**Postdoc position in Medicinal Chemistry**

Project title: Design and synthesis of heterocyclic compounds as protein kinase inhibitors (SSD CHEM-07/A).

Department of Pharmacy, University of Genoa

02/01/2013 - 03/11/2013

**Fellowship in Medicinal Chemistry**

Fellowship funded by the European project "CHAARM". Project title: Synthesis of integrase inhibitors.

Department of Drug Chemical Technology, University of Siena

02/01/2012 - 01/01/2013

**Postdoc position in Medicinal Chemistry**

Project title: Synthesis of non-receptor tyrosine kinase inhibitors active as antiproliferative agents on breast cancer cells (SSD CHEM-07/A).

Department of Pharmacy, University of Genoa

## ACADEMIC APPOINTMENTS

02/2021 - Present

**Member of the Guidance and Tutoring / Career Orientation and Transversal Skills Committee (COT/PCTO).**

## EXPERIENCE

EDITORSHIP OR PARTICIPATION IN EDITORIAL BOARDS OF JOURNALS, PUBLISHING SERIES, ENCYCLOPAEDIAS AND TREATISES

Member of the Editorial Board for: Frontiers in Chemistry; Anti-Cancer Agents in Medicinal Chemistry; Pharmaceutics; Pharmaceuticals; Letters in Drug Design and Discovery.